

APRIL/MAY 2025

**23PSMB25 — VERMITECHNOLOGY
(SEC I)**

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.



1. Define Vermiculture.
2. How to choose right worms for vermiculture?
3. Which species are called as white worms?
4. Mention any two characteristics of *Eisenia foetida*?
5. What is meant by Wedge system?
6. Write any two function of Coelomic fluid?
7. What should not be fed to vermiculture earthworm?
8. What is meant by gradual transfer in vermicomposting?

9. Define vermiwash.
10. What is meant by vermimeal enriched vermicompost?

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) What are the factors affecting the distribution of earthworms?

Or

- (b) Write a brief note on economic importance of vermiculture.

12. (a) Write about the taxonomy and anatomy of *Eudrilus eugenia*.

Or

- (b) Discuss the physical factors affecting the growth of earthworm.

13. (a) Write a note on maturation and stabilization phase.

Or

- (b) What are the feeds used or vermicomposting?

14. (a) Write briefly on how vermicomposting are separated and packed.

Or

- (b) Give an account on nutritional analysis of vermicompost.

15. (a) Explain the applications of vermiculture in agriculture fields.

Or

- (b) Write a brief note on vermitea.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain the classification of earthworms.
17. Write a detail note on anatomy and physiology of *EISENIA FETIDA*.
18. Describe the methods involved in vermiculture process.
19. Write an account on the influence of earthworms in soil?
20. Discuss about the vermicompost important organic manure for farming.

